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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

4

Complete If Known

Application Number	Not Yet Assigned
Filing Date	October 23, 2001
First Named Inventor	Yakov Rekhter et al.
Group Art Unit	Not Yet Assigned 2663
Examiner Name	Not Yet Assigned LER
Attorney Docket Number	112025-0068C1

10/23/01
10/01516
10/23/01

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
~		5,651,002	B1	Van Seters et al.	07/1997	
		5,243,342	B1	Kattemalalavadi et	09/1993	
		5,353,283	B1	Tsuchiya	10/94	
		5,394,402	B1	Ross	02/1995	
		5,426,637	B1	Derby et al.	06/1995	
		5,452,294	B1	Natarajan	09/95	
		5,491,692	B1	Gunner et al.	02/96	
		5,500,860	B1	Periman et al.	03/1996	
		5,519,704	B1	Farinacci et al.	05/21/96	
		5,555,256	B1	Calamvokis	09/96	
		5,561,669	B1	Lenney et al.	10/1996	
		5,623,492	B1	Teraslinna	04/97	
		5,650,993	B1	Lakshman et al.	07/97	
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		5,996,021	B1	Civanlar et al.	11/1999	
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		6,055,575	B1	Paulsen et al.	04/2000	

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Examiner Initials *	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ₀
		Office ³	Number ⁴	Kind Code ⁵ (if known)				

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¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Sheet	2	of	4
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Application Number	Not Yet Assigned
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Filing Date	October 23, 2001
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Group Art Unit	Not Yet Assigned
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Examiner Name	Not Yet Assigned
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Attorney Docket Number	112025-0068CI
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10/23/01

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
✓		Heinanan, J., "VPN Suppoer for MPLS," draft-heinanan-mpls-vpn-00.txt, December 1997	
		"Digital Subscriber Signalling System No. 1 (DSS 1) - Signalling Specification for Frame Mode Basic Call Control," ITU-T Recommendation Q.933, International Telecommunication Union, Geneva, 1994	
		G. P. Chandranmenon and G. Varghese, "Trading Packet Headers for Packet Processing," Proc. ACM SIGCOMM '95, Boston, MA, Sept. 1995, pp. 162-173	
		P. Newman et al., "Ipsilon's General Switch Management Protocol Specification Version 1.1," Internet Community's Request for Comments No. 1987, (August 1996)	
		N. Feldman, "ARIS Specification," Internet Draft, (March 1997)	
		"ISDN Data Link Layer Specification for Frame Mode Bearer Services," CCITT Recommendation Q.922, International Telecommunication Union, Geneva, 1992	
		K. Nagami et al., "Toshiba's Flow Attribute Notification Protocol (FANP) Specification," Internet Community's Request for Comments No. 2129, (April 1997)	
		Y. Katsube et al., "Toshiba's Router Architecture Extensions for ATM: Overview," Internet Community's Request for Comments No. 2098, (February 1997)	
		A. Viswanathan et al., "ARIS: Aggregate Route-Based IP Switching," Internet Draft, (March 1997)	
		S. Deering, et al., "Internet Protocol, Version 6," Internet Community's Request for Comments No. 1883, (December 1995)	
✓		Information Technology-Telecommunications And Information Exchange Between Systems - Protocol For Exchange Of Inter-Domain Routing Information Among Intermediate Systems To Support Forwarding Of ISO 8473 PDU's, International Standard ISO/IEC, October 1, 1994	

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Date Considered

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Sheet 3 of 4

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
✓		Amendment 1, International Standard ISO/IEC, (October 1, 1995)	
✓		D. Ginsburg, ATM Solutions for Enterprise Internetworking, Addison-Wesley Longman 1996, pp. xv-xiv, 36-41, 72-76	
✓		R. Ullmann, "Rap: Internet Route Access Protocol," Internet Community's Request for Comments No. 1476, (June 1993)	
✓		M. McGovern, et al., "CATNIP: Common Architecture For The Internet," Internet Community's Request for Comments No. 1707, (October 1994)	
✓		M. Laubach, "IP over ATM Working Group's Recommendations for the ATM Forum's Multiprotocol BOF Version 1," Internet Community's Request for Comments No. 1754, (January 1995)	
✓		M. Laubach, "Classical IP and ARP over ATM," Internet Community's Request for Comments No. 1577, (January 1994)	
✓		Martin de Prycker, Asynchronous Transfer Mode Solution for Broadband ISDN, Prentice Hall, 1995, pp. 5-11, 87-90	
✓		P. Newman et al., "Ipsilon Flow Management Protocol Specification for Ipv4 Version 1.0," Internet Community's Request for Comments No. 1953, (May 1996)	
✓		M. Perez et al., "ATM Signaling Support for IP over ATM," Internet Community's Request for Comments No. 1755, (February 1995)	
✓		J. Heinanen, "Multiprotocol Encapsulation over ATM Adaptation Layer 5," Internet Community's Request for Comments No. 1483, (July 1993)	
✓		Callon et al., "A Framework for Multiprotocol Label Switching," IETF Network Working Group Internet Draft draft-ietf-mpls-framework-02.txt, November 21, 1997	

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Group Art Unit	Not Yet Assigned 2663
Examiner Name	Not Yet Assigned Lee
Attorney Docket Number	112025-0068C1

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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

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1		Rosen et al, "A proposed Architecture for MPLS," IETF Network Working Group Internet Draft draft-ietf-mpls-arch-00.txt, August 1997	
2		Woundy et al., "ARIS: Aggregate Route-Based IP Switching," Internet Draft draft-woundy-aris-ipswitching-00.txt, November 1996	

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